1112A

CONTENTS OF VOLUME XLIX.

Abou Ben Adhem—*Leigh Hunt*, 250.
A Dead Fogy: "He Needs Dynamite," 549.
Address to Students of Bucknell University—*A. H. Fetterolf*, 290.
America's Most Popular Sin, Swearing—*Madison C. Peters*, 325.
Amusing Answers—*J. A. Buchanan*, 592.
A Poor Good School—*Ida G. Myers*, 216.
Art Education, 132.
A Sketch and Its Lesson—*J. K. Wildman*, 543.
Arbor Day and Forestry—*Editorial*, 253.
Arbor Day Address by Commissioner of Forestry—*J. T. Rothrock*, 238.
Arbor Day, No. xxxii., 204.
Arbor Day, No. xxxiii., 563.
Arithmetic, Notes on, 247.
Autumn Arbor Day, Circular, *Dr. Nathan C. Schaeffer*, 203.
Arbor Day Proclamation of Governor William A. Stone, 504.
Baby's Nurse, The, 581.
Barbara Fritchie, The True Story of—*S. S. Gilson*, 18.
Beautiful Home Life, 591.
Beautiful Sea (*Song*)—*E. Rainsford*, 48.
Be Earnest—*S. R. Shear*, 226.
Better the Instruction—*C. B. Lerow*, 590.
Biographical Sketch of Samuel Breck, who wrote ihe Famous School Law of 1834—Extracts from his Diaries at Harrisburg and Elsewhere—College of Soreze in France—He Saw the Battle of Bunker Hill and Lived to Support the Administration of Abraham Lincoln—*J. P. McCaskey*, 355.
Books and a Boy: "Browsing at will in Fair Pasturage," 26.
Books in Farm Home, 501.
Boys at West Point—*J. P. McCaskey*, 393.
Brightest and Best—*Reginald Heber*, 365.
Calm on the Listening Ear of Night—*E. H. Sears*, 345.
Central Figure of Egypt—*F. M. Davenport*, 323.
Certificates to College Graduates, 453, 515.
Charge of the Light Brigade—*Tennyson*, 384.
Charles R. Coburn—*J. P. Wickersham*, 173.
Charmer, The—*Haariet Beecher Stowe*, 384.
Child in the Library—*Edith Lanigan*, 539.
Changing Text-Books, 258.
Children and Flower Seeds, 500.
Child Study for Pennsylvania Teachers—*H. F. Goddard*, 127.
Child Study, Popular Phases of—*Julian E. Johnson*, 123.
Child Study: Special Circular from Department—*Henry H. Goddard*, 227.
Choir Invisible, The—*George Eliot*, 385.
Chinese Education, and Work of the Missionaries, 552.
Christmas Carol—*J. G. Holland*, 545.
Christmas Song—*A. Adam*, 308.
City and Borough Superintendents' Association: The Proceedings of the Eleventh Annual Session Held in Harrisburg, 401. Home Schools for Neglected Children—*James L. Coughlin*, 401. Compulsory School Law: Draft of Proposed Revision and Discussion, 407. Purpose and Limitations of Physical Training—*Jessie H. Bancroft*, 410. History Above the Grammar School—*Nathan C. Schaeffer*, 412. History Below the High School (with discussion)—*A. D. Yocum*, 416. The Grading of Teachers' Salaries (with discussion)—*R. T. Adams*, 421. Resources at Superintendent's Command to Influence the Homes of the Community with discussion—*E. Mackey*, 427. Relation of the Superintendent to the Business Management of the School—*Charles Lose*, 436. How the Superintendent's Time Can be Most Profitably Employed—*John A. Gibson*, 432. Home Study by Pupils in the Schools—*J. M. Berkey*, 442. Over-Pressure in Education—*A. B. Van Ormer*, 447. Committees on Nominations and Resolutions, 409. State Educational Association, 409. Johnstown, Next Place of Meeting, 409. State Superintendent, 40. Membership, 410. The Tobacco Act, 416. Directors at Large, 433. Officers for Next Year, 442. Death of Supt. Keiffer, 442. Resolutions, Closing Exercises and Membership, 452.
Closing Year, The—*Geo. D. Prentice*, 344.
Colleges and Academies, Shortening of the College Course—*Thomas S. March*, 157.
College Graduate Certificates, 453, 513, 617.
Concerning Matters of Verbal Memory, 582.
Commercial Geography—*Anna L. Sitler*, 245.
Committing Good Things to Memory—*B. A. Hinsdale*, 243.
Composition—Rhetoric in High School Work *Grace E. Stanton*, 153.
Compulsory Vaccination and Compulsory Attendance: Decision of Judge Fanning, 256.
Conference on Agricultural Education, 37.
Constitution and By-Laws of the Pennsylvania State Educational Association, 65
Courtesy in Children—*Grace D. Goodwin*, 546.
Crossing the Bar—*Alfred Tennyson*, 250.
Cuban Teachers, Visit of, 163.
David Jewett Waller—*J. P. McCaskey*, 181.
Declaration of Principles: National Educational Association, 548.
Desk-work for Children, Cut-up Poem, 32.
Dickens in Camp—*Bret Harte*, 344.
Discipline, Problem of: Personal Magnetism, etc.—*Gertrude Edmund*, 371.
District High School: Its Importance and its Needs—*E. S. Hesson*, 486.
Duty and Influence of Directors—*J. K. Wildman*, 473.
Driving an Elephant: Experience of a Tamer in Chicago, 15.
Dr. Schaeffer on Thinking and Learning to Think, 295.
Edison as Telegraph Operator: Characteristic Incident, 17.
EDITORIAL DEPARTMENT—Agricultural Education: Conference at State College. 37. Dr. Martin G. Brumbaugh: Commissioner of Education to Porto Rico, 38. The Slaughter of Birds, 40. What a School Man Thinks—Half Holiday, No. 2: Total Eclipse of the Sun, etc.,

41. Forgetting the Bible, Examination Test, 44. Items from Reports, 46. Henry Barnard, 159. Leaving the State, 160. Williamsport Meeting, 161. Death of Supt. Jones, 163. Visit of Cuban Teachers, 163. Items, 165. Institutes, 168. Arbor Day Circular of State Supt. Schaeffer: Friday, October 12th, 203. Editorial Notes—Arbor Day: No. xxxii., 204. President Stahr, 205. Township High Schools and Combined Schools (*J. D. Smith*), 206. A Good Book, 207. The Galveston Horror, 209. Schools in Porto Rico: Supervision under Difficulties—Interest Manifested (*Dr. Geo. G. Groff*), 209. Line of Least Resistance, 252. Teacher's Retiring Fund—Whipping Post, 252. Monument to Song Writer, 253. Arbor Day and Forestry, 253. Sixteen Million Pupils, 254. Letters to Pupils, etc., 254. Conference of the Normal School Principals, 296. Editorial Notes, 296. Education in Porto Rico, 297. Supt. John Morrow on Home Study in reply to Mr. Bok, 298. Growth of the Nation, 301. Items from Reports, 303. Statistics Condensed from Annual Report, 346. Death of Wm. Howard Day, 346. Annual Meetings of Five Educational Associations, 347. Fifty Years of Blessing: Bishop Bowman Church Home, 348. Sketch of Samuel Breck, 390. Programme of Superintendents' Convention, 391. Programme of School Directors' State Association, 392. Letter from Mr. Wildman, 393. Boys at West Point, 393. Kindergarten, 395. Spring Arbor Day, 504. Editorial Notes, 504-506. Dr. Schaeffer's Re-appointment, 507. Pan-American, 508. From Porto Rico, 508. Superintendents and Directors, 509. Pennsylvania Germans, 510. State Association, 511. Rural Mail Delivery, 513. Vaccinations: Supreme Court Decision, 513. Traveling Libraries, 515. Normal School Examinations, 556. Supreme Court Decision: Governor Stone's Veto of School Appropriation Sustained, 556. Arbor Day, 563. "Bird Day, How to Prepare for It:" Book by Supt. C. A. Babcock, 563. In Way of Prizes, 565. Compulsory School Law, 566.

Educated Man a Many-Sided Man, The—*Theodore Roosevelt*, 10.

Educational Foundations: Atlanta College—*Carrie E. Bemus*, 379.

Educational Interest of the Commonwealth—Sixty-seventh Annual Report of the State Superintendent of Public Instruction of Pennsylvania: School Progress—School Appropriation—Pennsylvania Educational Association—School Books—Normal School Course—Needed Legislation—Official Organ of School Department, etc.—*Nathan C. Schaeffer*, 309.

Education in Porto Rico, 297.

Educational Problem—*Ella M. Powers*, 585.

Education that Does Not Educate, 322.

Elnathan Elisha Higbee—*George F. Mull*, 176.

Energy, Conservation of—*J. L. Levy*, 541.

English Catechism: Suggestive Questions—*T. E. Sanders*, 536.

Fifty years of Blessing—*J. P. McCaskey*, 348.

Fifty Thousand Men Idle for Five Minutes, 547.

First Year in School: What it Should do for the Child—*Emily Bishop*, 135.

First Year's Work—*Mary Wagner*, 138.

Flower Mission, Evolution of—*Mrs. S. V. Heaton*, 499.

Foreign Lands (*Poem*), 147.

Forestry, 284.

Forgetting the Bible—*J. P. McCaskey*, 44.

Fourteen to Eighteen, 502.

Galveston Horror, 209.

Games for Children, 329.

German School Life, 22.

Glazed Papers, and their Effects upon the Eyesight, 547.

Good Associates, 289.

Good Luck, The Best, 248.

Good Memory Work: No. I. Take Joy Home—Crossing the Bar—Never Again—Our Lives Should Widen—Abou Ben Adhem—Wages—The Grasshopper and the Cricket—Plant a Tree—Ozymandias, etc., 249. No. II. Lincoln at Gettysburg and Close of Inaugural in 1861 and 1865—To the Fringed Gentian—The Tree He Planted—Daffodils—True Nobility—Enid's Song—Break! Break!—Tristam's Song—Flower in the Crannied Wall—Chambered Nautilus—Enduring Influence, 292. No. III. Psalms—The Closing Year—Dickens in Camp—Calm on the Ear of Night—Christmas Carol—Brightest and Best, 343. No. IV. Aids to the Memory—Once to Every Man and Nation—Hotspur and the Fop—Star Spangled Banner—Charge of the Light Brigade—The Charmer—Choir Invisible, 381.

Grasshopper and Cricket—*John Keats*, 250.

Growth of the Nation—*John Q. Stewart*, 301.

Good Roads for Farmers: "The Road and the Schoolmaster," 372.

Grading Teachers' Salaries—*R. T. Adams*, 421.

Have You Read It? 286.

Have We too Much Free Education?—*Manley O. Brown*, 241.

Henry Cuyler Hickok, 169.

High School Alumni Association: Address of Historian—*R. D. McCaskey*, 33.

Historical Sketch of Pennsylvania State Teachers' Association—*J. P. McCaskey*, 184.

History above the Grammar School—*N. C. Schaeffer*, 412.

History below High School—*A. D. Yocum*, 416.

Home of Old Hickory—*W. W. Davis*, 583.

Home Schools for Neglected Children—*L. E. McGinnes*, 401.

Home Study—*John Morrow*, 298.

Home Study—*J. M. Berkey*, 442.

Hotspur and the Fop—*Shakespeare*, 383.

How Can a Supervisor of Drawing Best Aid the Grade Teacher?—*M. L. Wood*, 133.

How the Superintendent's Time Can be Most Profitably Employed—*John A. Gibson*, 438.

How the Weight of a Planet is Determined, 217.

How to Read, 281.

Ideals for Teachers: From Address of Bishop Spalding, 30.

Immortality—*Matthew Arnold*, 4.

Industrial Conditions in China—*F. M. Davenport*, 328.

Influence and Work of the Superintendent—*Wm. H. Wiley*, 287.

In Memoriam: Citizen, Soldier, Educator—*J. L. Pickard*, 537.

Instinct, Imitation, Ideals: "Thought Undeveloped," 529.

Institute, Purpose of, 224.

Items from Reports of Superintendents, 46, 165, 212, 259, 303, 350, 396, 454, 518, 566.

James P. Wickersham—*J. A. M. Passmore*, 174.

Jim: Story for Children, 282.

John Ruskin, 283.
Kindergarten, and Individuality of the Child—*Mary Adair*, 140.
Kindergarten Association, 332.
Kindred Hearts (*Song*), 262.
Knowledge Not Pcwer, 325.
Land of Content, 318.
Language and Literature: Round Table Conference, 153.
Language Central in the Correlation of Studies—*Edward Brooks*, 89.
Latin and Greek in our Colleges—*George F. Hoar*, 587.
Letters to Pupils—*C. D. Phipps*, 254.
Letter Writing: Value in Home and School, 23.
Lincoln in the Hospital, 284.
Literature before Letters, Right Hon. Friedrich Max Muller: Power of the Memory, and Confident Reliance upon it in Past Ages—Shall Superintendents and Teachers Store the Memory of Childhood and Youth with the Immortal Treasures of Literature? 263.
Little Things, The, 274.
Memory—*J. K. Jerome*, 335.
Middle of Things, The: "Neither Poverty nor Riches," 550.
Motives Misinterpreted, 226.
Mountain Maid's Invitation (*Song*), 522.
Mutual Relation of Colleges and Schools—*Wm. A. Lamberton*, 61.
Nathan C. Schaeffer—*J. D. Pyott*, 182.
Nature Study in Its Requirements of Teachers (*H. B. Stauffer*); In City Schools (*Gertrude Barber*); In Country Schools (*George C. Watson*); in Relation to Literature and Geography (*W. W. Rupert*); in American Schools (*George P. Singer*), 229.
Never Again—*R. H. Stoddard*, 250.
New East River Bridge, 585.
Nicaragua Canal: Favorable Geographical Situation, etc., 378.
Nineteenth Century- Review of Progress for Schools of Williamsport: Local History, General History, Invention, Advancement of Science, Commercial Growth, Literature, Changes in Living, Education, 373.
Normal Schools, The: What are They Doing, and What Might They Do for the Public Schools?—*M. J. Brecht*, 113.
Normal School Examinations, 618.
Obligation for Inspiration—*Geo. H. Martin*, 573.
Of One Flesh, 22.
Oklahoma, Story of: "Nothing in Arabia's Tales of Euchantment," 372.
Once to Every Man and Nation—*Lowell*, 382.
Organizing New School Boards, 617.
Other Girl, The, 288.
Other Worldliness, 273.
Our Lives Should Widen—*J. R. Lowell*, 250.
Over-Pressure in Education—*A. B. Van Ormer*, 448.
Ozymandias—*P. B. Shelley*, 251.
Patriotic Address—*R. W. Taylor*, 87.
Paragraphs in Variety, 3, 217, 523, 569.
Pedagogical Value of Pictures—*W. A. Wetzel*, 148.
"P-e-e-k," 335.
Pennsylvania Germans and Redemptioners, 510.
Pennsylvania State Association: Forty-fifth Annual Session, 49. Address of Welcome: Problem of Human Training, etc—*E. J. Gray*, 49. Response to Address of Welcome: Normal School Interest—*A. T. Smith*, 51. Relation of the School to the Farmer: Subjects that Should Receive Attention—*John Hamilton, E. M. Rapp,, E. M. Mixer, R. T. Adams*, 51. Saving Time in Grades—*A. Wanner, D. P. Stapleton. H. H. Spayd*, 57. Mutual Relation of Colleges and Schools—*W. A. Lamberton*, 61. Constitution and By-Laws of State Educational Association, 65. Relation of Publishers to Education: Inaugural—*J. A. M. Passmore*, 68. Teachers' Certificates: The Pennsylvania Plan, etc.—*N. C. Schaeffer*, 73. Place of Civics in Course of Study—*J. R. Flickinger, F. S. Edmonds*, 76. The School as a Social Institution—*F. B. Brandt, W. W. Grant*, 78. Pensions for Teachers—*J. W. Canon, Susan C. Lodge, J. R. Spiegel*, 81. Many-Sided Education: Patriotism of Washington—*R. W. Tayler*, 87. Language Central in Correlation of Studies—*Edward Brooks*, 89. Vocal Music in Schools—*E. W. Pearson, T. L. Gibson, L. I. McGowan*, 97. Catholic Parochial School System—*P. R. McDevitt*, 100. Memorial Portraits for School Department—*J P. McCaskey*, 105. Revision of Constitution, 57, 65, 86. Committee on Nominations, 87. Place of Meeting, 87. Enrollment, 88. Publication of Proceedings, 89. Officers for Next Year, 103. Last Year's Accounts, 103. Wickersham Library, 104. Committees on Legislation and Necrology, 104. Report of Treasurer, 107. New Departments, 107. Closing Exercises, 108. Programme for 1901, 614.
Pennsylvania State Teachers' Association, Historical Sketch of Nearly Fifty Years in Few Pages -Fifty Meetings Under Name of "Pennsylvania State Teachers' Association"—Name Changed at Williamsport, in 1900, to "Pennsylvania State Educational Association"—Place, Time, Officers of Meeting, Subjects Considered, Business Transacted, etc., 184.
Pennsylvania State Association of School Directors: Proceedings, 463. Address of Welcome, *W. H. Middleton*; Response, *J. R. Spiegel*, 463. Inaugural Address: Our Association—*Wm. Field Shay*, 465. Advantages of Union of Educational Forces—*J. A. M. Passmore*, 467. Relation of School Board to Public Sentiment—*D. F. Fortney*, 470. Duty and Influence of School Directors—*J. K. Wildman*, 473. Providence in Warfare—*J. P. S. Gobin*, 476. Who is Responsible for Pupils' Wasted Time?—*M. M. Collins*, 478. The Physical Side of Education—*J. B. Keener*, 480. District High School: Importance and Needs—*E. S. Hassler*, 486. Township High Schools—*L. C. Thomas*, 489. Addresses of Governor Stone and Dr. Schaeffer, 492, 493. Centralizing Rural Schools: Libraries in Rural Districts, 496, 497.
Pensions for Teachers—*J. W. Canon*, 81.
Permanence of Laws of Nature: "God Rules the World by Mathematics," 222.
Permanent Certificates Granted, 458.
Pestalozzi's Monument: School House—*Kimber Cleaver*, 201.
Philippine Islands, In—*Edw. W. McCaskey*, 275, 337, 386, 602.
Physical Side of Education—*J. B. Keener*, 480.
Petrified Ferns—*M. B. Branch*, 251.
Place of Civics in the Course of Study, 76.
Plain Talk for Sluggards—*J. H. Reber*, 600.
Plant a Tree—*Lucy Larcom*, 251.

Poetry and Nationality—*Wm. C. Lawton*, 322.
Prescott's Remarkable Memory—Immortality—Lost Arts—Lincoln, etc., 3.
President John S. Stahr, 205.
Prime Meridian: Monument to Washington—*George F. Hoar*, 371.
Providence in Warfare—*J. P. S. Gobin*, 476.
Problem of School Supplies—*Otis K. Stuart*, 596.
Profitable Reforestation in Minnesota: Suggestions for Pennsylvania, 201.
Public School Library—*Wm. Wynkoop*, 598.
Proud of Their School, 274.
Pupil's Need, The—*J. N. Patrick*, 16.
Purpose and Limitations of Physical Training in City Schools—*Jessie H. Bancroft*, 410.
Rabid Correlation, 222.
Relation of Publishers to Education—*J. A. M. Passmore*, 68.
Relation of the School to the Farmer—*John Hamilton*, 51.
Relation of Teacher and Parent: Mutual Interest and Good Will, 535.
Relation of the School Board to Public Sentiment—*D. F. Fortney*, 470.
Resources at the Superintendent's Command to Influence the Homes of the Community—*E. Mackey*, 427.
Rock Me to Sleep, Mother (*Song*), 622
Round Table Conference at State Teachers' Association at Williamsport: Some Report of What Was Done in the Sections, 113. Normal Schools: "What Are the Normal Schools Doing, and What Might They Do for the Schools?"—*M. J. Brecht*, 113. Discussion by Messrs. Harman, Eckels, Brandt, Murphy, and McNeal, 118. High Schools: Examinations, Attendance, Athletics, etc., 121. Child Study: "Some Profitable Phases of Child Study, *Lilian E. Johnson*: and "Child Study for Pennsylvania Teachers," *Henry F. Goddard*, 122. Intermediate and Grammar Schools, 130. City Superintendents: Home Study, Graduate Exercises, etc., 130. Art Education: Supervisor of Drawing and Grade Teacher, 132. Primary Schools: The First Year in School: What it Should Do for the Child, *Emily Bishop*; "First Year's Work," *Mary Wagner*, 135. The Kindergarten: "The Kindergarten and the Individuality of the Child," and "The Vital Element in Training a Young Child," 140. History: Breadth of View, Place of Local History, Time Given, 147. County Superintendents: "Pedagogical Value of Pictures, *W. A. Wetzell*: Teachers' Certificates, Effective Visitation, Course of Study, 148. Language and Literature: Composition-Rhetoric, *Grace E. Stanton*, 153. Colleges and Academies: Shortening the Course, *Thomas S. March*, 156.
Saved from the Serpent, 324.
Saving of Time in Grades—*Andrew Weaver*, 59.
School as Social Institution—*T. B. Brandt*, 78.
School Children's Ideals: Paltriness of Ideal—*Catharine I. Dodd*, 7.
School Discipline: "Common Sense"—*Chas. J. Boak*, 531.
School Legislation, Recent: Mechanic Arts and Kindred Subjects, Physical Training, Conferring Degrees, 516; For Lyceum and Literary Purposes, Poor and Friendless Children, Collection of Taxes, Centralization of Township Schools, Free Kindergartens, Private Property for Library Purposes, Night Schools for Manual Training, Distributing Library to Schools, 618.
School Libraries: Value of Outside Reading—*Wm. H. Shedwick*, 320.
Schools in Porto Rico—*Geo. G. Groff*, 209.
Seeds of Flowers, 285.
Self-Examination: Folder of Supt. Rupp, 615.
Seventy-Six Millions: Population by States and Territoriee, 551.
Slack American Habit, 246.
Slaughter of Birds, 40.
Soldier Life in Philippines: From Letters of Capt. Edw. W. McCaskey, 275, 337, 386, 602.
Star-Spangled Banner—*F. S. Key*, 385.
State Superintendents of Public Instruction, Brief Biographical Sketches of Those Men who have held office since School Department was Organized in 1857: Henry Cuyler Hickok, 1854-57; 1857-60; Thomas Henry Burrowes, 1835-38, 1860-63; Charles R. Coburn, 1863-66; James Pyle Wickersham, 1866-81; Elnathan Elisha Higbee, 1881-89; David Jewett Waller, 1890-93; Nathan C. Schaeffer, 1893-, 169.
State Board of Health to School Directors, 211.
Stop and Think of Your Country: Individual Responsibility, etc., 523.
Story of a Fossil, 247.
Story of the Stars: Early Summer Stars and Constellations, 29.
Suitable Pictures for Home and School—*Harriet Beecher Stowe*, 2.
Summer School Movement, 225.
Superintendent and Business Management of the Schools—*Chas. Lose*, 435.
Superintendent and His Teachers' Meetings—*Milo A. Tucker*, 593.
Teachers' Certificates—*N.C. Schaeffer*, 73.
Teacher's Influence, 281.
Teacher's Spirit: Secret of Success or Failure—*Samuel Findlay*, 318.
Teacher Taught—*Anna Randnitsky*, 501.
Take Joy Home—*Jean Ingelow*, 250.
Teaching Arithmetic—*J. M. Greenwood*, 579.
Teaching Current Events, 287.
Theodore Roosevelt, Senior—*Jacob A. Riis*, 552.
Thomas Henry Burrowes, 171.
"Thinking and Learning to Think"—*George F. Mull*, 331.
Too Many Books? 600.
Total Eclipse of the Sun—*J. P. McCaskey*, 41.
Training Boer Horses, 35.
Triennial Return of Taxables, 256.
Township High Schools—*J. O. Smith*, 206.
Township High Schools—*L. C. Thomas*, 489.
Two Teachers, 24.
Trees, The—*Dr. G. W. Wagner*, 573.
Uncle Amos Brown: "Childish and Eccentric"—*Solon Chase*, 24.
Unselfish Parents and Thankless Children, 385.
Vital Element in the Training of a Young Child—*Letitia P. Wilson*, 146.
Vocal Music in the Schools—*E. W. Pearson*, 97.
Wages (*Poem*)—*Alfred Tennyson*, 250
War and Literature: Patriotism, Courage, Sympathy, etc., 386.
What Fairy-Like Music (*Song*), 215.
Who is Responsible for Pupils' Wasted Time—Time?—*Mattie M. Collins*, 478.
Why We Study Greek, 589.
Woods, The Smell and the Beauty of, 373.
Words of Inspiration, 224.
Work in Arithmetic, 596.